



CAF Project Report

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- **Deliverables & Personnel**
- **Performance Numbers**
- **Remaining Developments**
- **Issues**

In production for ~9months -> mature project



Deliverables & Personnel

Provide user analysis computing for CDF

- **Interactive & batch CPU**
- **User & data disks**

Mark Neubauer, T.Kim, fkw
CDF task force

plus help from:

INFN (monitoring, user scratch)

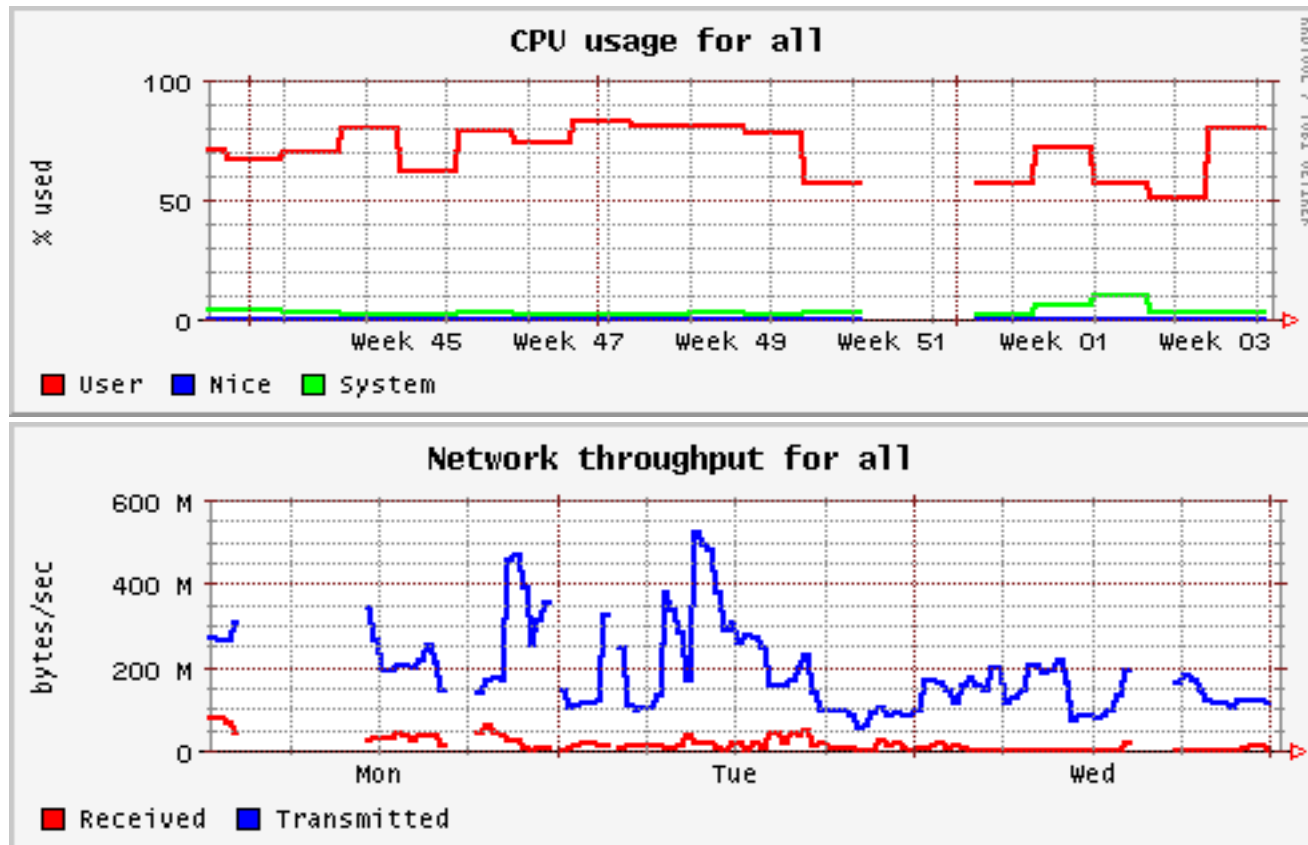
Finish DB eng. (hardware DB)

Mandrighenko (FBSNG)

CD in general (FCC infrastructure)



Performance numbers



- 400MB/s or up to 30TB per day
- Exceeds goal by factor ~2

(I/O after dCache was turned off)



Remaining Developments

Multi-process sections in FBSNG (March 15)

Monitoring, Alarms, Control (April 15)

Hardware DB (no firm date)

fcdfsgi2 replacement (no firm date)



Issues we face

- **Monitoring has deteriorated**
 - **INFN not on schedule**
- **RAID array problem**
 - **76/92 file servers affected**
 - **Roughly 10 per day requiring service**
- **Need better understanding of CAF usage**
 - **Suspect users “waste” resources**
 - **... or maybe we underestimated computing needs?**



Long term plan

- **CDF grid:**
 - **Proof of principle exists**
 - **Deployment of prototype started**
 - **However, lacking clear project plan and US funding**

**Expect co-existence of CAF & Grid
with Grid eventually replacing CAF.**